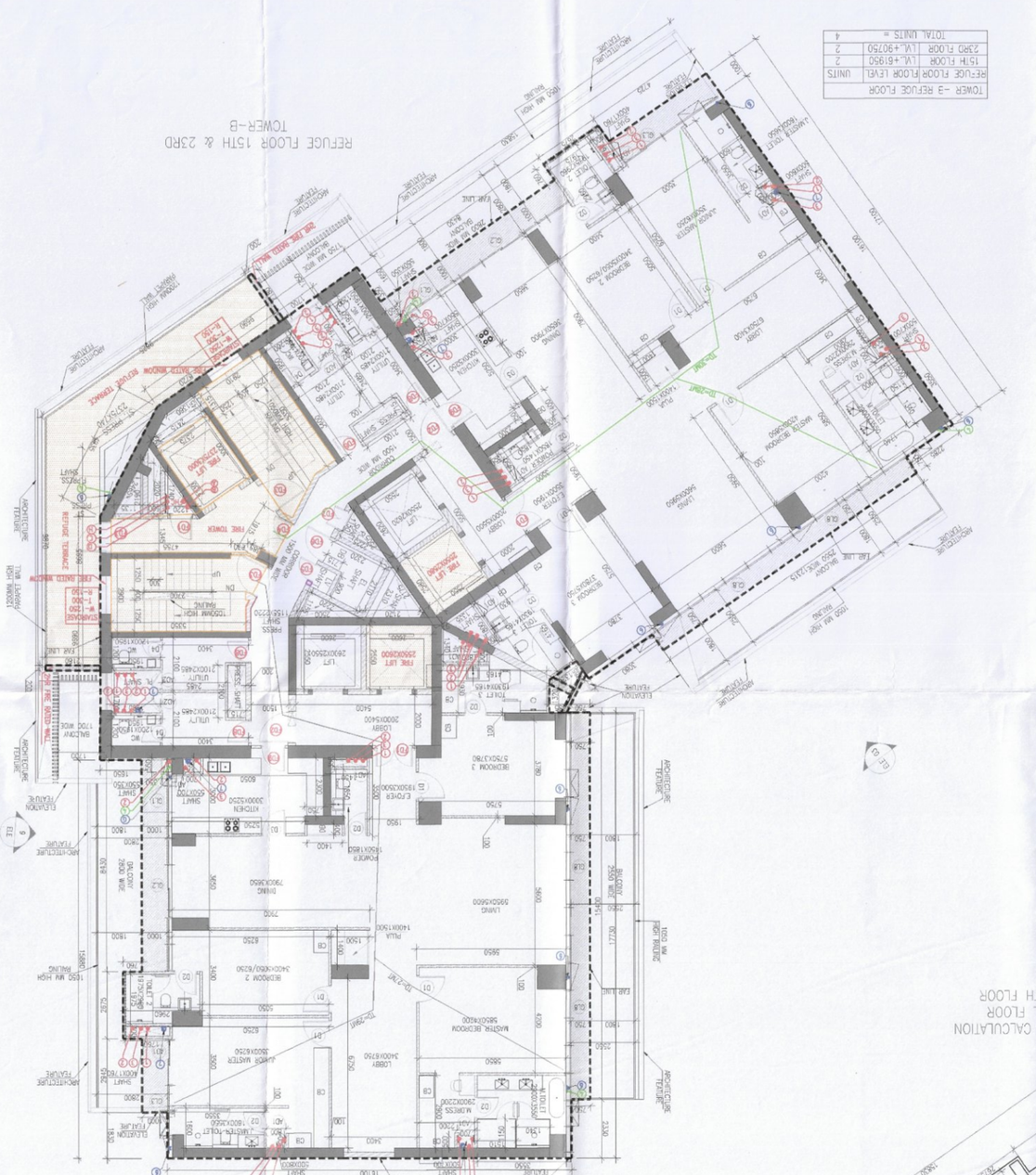
TOWER -3 REFUGE FLOOR	
REFUGE 15TH FLOOR	UNITS
15TH FLOOR (LVL.+49900)	2
23RD FLOOR (LVL.+90750)	2
TOTAL UNITS =	4



FAR AREA OF 15TH & 23RD REFUGE FLOOR							
GROSS - X							
Sr. No		Nos	Length		Width		Area (SQM)
XY	2	X	2.180	X	0.200	=	0.872
					TOTAL	=	0.872

NET FAR - TOWER B REFUGE FLOOR - 3RD TO 24TH							
NET FAR 15TH & 23RD REFUGE FLOOR	=		736.212	X	GROSS - X1	=	0.872
					TOTAL	=	0.872
GROSS -X1	=		736.212				SQM

BULT-UP AREA - TOWER B 15TH & 23RD REFUGE FLOOR							
BULT AREA OF 15TH & 23RD REFUGE FLOOR	=		BULT-UP AREA OF TYPICAL FLOOR 766.155	+	GROSS - X1	=	0.872
GROSS -2	=		766.027				SQM

NON FAR AREA - TOWER B TYPICAL FLOOR - 3RD TO 24TH							
NON FAR AREA OF REFUGE FLOOR	=		766.027	-	GROSS - X1	=	736.212
GROSS -2	=		32.815				SQM

EXPANSION SECTOR 42 DOOR WINDOW SCHEDULE (Apartment)

NOTE: This drawing is to be read in conjunction with Interior schedule, Refer Finishes & Material specifications for type of construction

S.NO	Door Tag	Rough Opening (MM)					Lintel	File Rating	Location
1	FD1	1500	0	2400				1Hr	Apartment Entrance
2	FD2	1250	0	2400				2hrs	Lift Lobby
3	FD3	1250	0	2400				2hrs	Staircase
4	FD4	1500	0	2400				2hrs	Fire Lobby
5	FD5	750	100	2400				2hrs	LV Lobby
6	FD6	1500	100	2400				2hrs	EL Lobby
7	FD7	850	100	2400				1Hr	Staircase
8	FD8	1500	100	2400				2hrs	Kitchen Entrance
9	FD9	1000	0	2400				1Hr	Kitchen Entrance
10	FD10	900	0	2400				1Hr	Serviced Rooms Entrance
11	FD11	900	100	2400				2hrs	Duty Lobby
12	FD12	1500	0	2400				1Hr	Duty door

INTERNAL DOORS							
1	D1	1100	0	2400			Elevators
2	D2	900	0	2400			Toilet
3	D3	1000	0	2400			Kitchen
4	D4	800	0	2400			Utility Toilet

EXTERNAL DOORS							
1	D5	1000	0	2400			Kitchen Backyay Door
2	D6	900	0	2400			Utility Backyay Door

INTERNAL SHUTT DOORS							
1	AD1	600	600	2400			FL Slab door
2	AD2	600	600	2400			FL Slab door

COMM FIRE DOORS							
1	FD1	1500	0	2400			Apartment Entrance
2	FD2	1250	0	2400			Lift Lobby
3	FD3	1250	0	2400			Staircase
4	FD4	1500	0	2400			Fire Lobby
5	FD5	750	100	2400			LV Lobby
6	FD6	1500	100	2400			EL Lobby
7	FD7	850	100	2400			Staircase
8	FD8	1500	100	2400			Kitchen Entrance
9	FD9	1000	0	2400			Kitchen Entrance
10	FD10	900	0	2400			Serviced Rooms Entrance
11	FD11	900	100	2400			Duty Lobby
12	FD12	1500	0	2400			Duty door

NON FAR AREA - TOWER B TYPICAL FLOOR - 3RD TO 24TH							
NON FAR AREA OF REFUGE FLOOR	=		766.027	-	GROSS - X1	=	736.212
GROSS -2	=		32.815				SQM

NOTES-
HAV CONTINUOUS SIGNAL IS BEING PROVIDED.
DC POWER BACKUP IS BEING PROVIDED.
TOILET ARE MECHANICAL VENTILATED.
ALL LIFTS SHALL HAVE POWER BACK-UP.
ALL ELECTRICAL INSTALLATION SHELL BE AS PER PROVISION OF RELEVANT CODE.
FIRE/HOHTING/SAFTY PROVISIONS WILL BE AS PER RELEVANT CODE PROVISIONS.
ASSEDENT AREA SHELL HAVE MECHANICALLY VENTILATED AS PER RELEVANT CODE
ALL TOILETS ARE VENTILATED AS PER HAR-MA BUILDING CODE 2017.
BUILDINGS HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY RELEVANT CODE.
ACCESSES FOR EARTHQUAKE RESISTANCE.
BUILDING WILL BE SECONDARY/SIGNIFIERS AS PER RELEVANT CODE.
SOLAR PANELS OF REQUIRED CAPACITY SHELL BE PROVIDED AS PER HARE DA/ZONING NORMS.

FAR CALCULATION - TOWER B 3RD TO 14TH & 16TH TO 22TH & 24TH FLOOR							
GROSS - A							
Sr. No		Nos	Length		Width		Area (SQM)
1	1	X	15.800	X	16.100	=	254.663
1a	1	X	15.800	X	16.100	=	254.663
2	1	X	2.945	X	2.945	=	8.669
2a	1	X	4.275	X	1.000	=	4.275
3	1	X	2.675	X	1.760	=	4.708
4	2	X	8.420	X	0.750	=	12.315
5	1	X	16.400	X	0.750	=	12.315
6	1	X	1.860	X	0.150	=	0.279
6a	1	X	1.860	X	4.265	=	7.931
7	0.5	X	(1.320+2.880)	X	4.200	=	8.610
7a	0.5	X	(1.320+2.880)	X	4.265	=	8.747
8	0.5	X	(4.730+9.680)	X	14.425	=	20.779
8a	0.5	X	(4.730+9.680)	X	14.425	=	20.779
8b	0.5	X	(5.040+1.015)	X	1.865	=	3.433
8c	0.5	X	(5.040+1.015)	X	1.865	=	3.433
8d	0.5	X	(4.730+9.680)	X	14.425	=	20.779
8e	0.5	X	(5.040+1.015)	X	1.865	=	3.433
9	0.5	X	(1.820+1.715)	X	3.535	=	6.257
9a	0.5	X	(1.820+1.715)	X	3.535	=	6.257
9b	0.5	X	2.470	X	18.865	=	23.298
					TOTAL	=	466.464

GROSS - C DEDUCTIONS							
Sr. No		Nos	Length		Width		Area (SQM)
1	2	X	0.300	X	0.700	=	0.420
1a	2	X	0.300	X	0.800	=	0.480
2	2	X	0.400	X	1.760	=	1.408
3	2	X	2.550	X	2.820	=	14.391
4	2	X	2.550	X	2.480	=	12.648
5	2	X	2.550	X	2.400	=	12.240
6	2	X	1.700	X	1.960	=	6.664
6a	2	X	0.550	X	0.350	=	0.385
6b	2	X	0.550	X	0.700	=	0.770
6c	2	X	0.550	X	0.700	=	0.770
6d	2	X	1.450	X	0.715	=	2.069
6e	2	X	1.450	X	0.715	=	2.069
7	2	X	2.100	X	0.715	=	3.003
7a	2	X	0.550	X	0.700	=	0.770
7b	2	X	0.550	X	0.700	=	0.770
7c	2	X	0.550	X	0.700	=	0.770
7d	2	X	1.450	X	0.715	=	2.069
7e	2	X	1.450	X	0.715	=	2.069
8	2	X	1.700	X	1.960	=	6.664
8a	2	X	0.550	X	0.350	=	0.385
8b	2	X	0.550	X	0.700	=	0.770
8c	2	X	0.550	X	0.700	=	0.770
8d	2	X	1.450	X	0.715	=	2.069
8e	2	X	1.450	X	0.715	=	2.069
9	2	X	2.100	X	0.715	=	3.003
9a	2	X	0.550	X	0.700	=	0.770
9b	2	X	0.550	X	0.700	=	0.770
9c	2	X	0.550	X	0.700	=	0.770
9d	2	X	1.450	X	0.715	=	2.069
9e	2	X	1.450	X	0.715	=	2.069
10	1	X	2.400	X	0.800	=	1.920
10a	1	X	2.400	X	0.800	=	1.920
11	1	X	2.400	X	0.800	=	1.920
11a	1	X	2.400	X	0.800	=	1.920
12	1	X	2.400	X	0.800	=	1.920
12a	1	X	2.400	X	0.800	=	1.920
13	1	X	2.400	X	0.800	=	1.920
13a	1	X	2.400	X	0.800	=	1.920
14	1	X	2.400	X	0.800	=	1.920
14a	1	X	2.400	X	0.800	=	1.920
15	1	X	2.400	X	0.800	=	1.920
15a	1	X	2.400	X	0.800	=	1.920
16	1	X	2.400	X	0.800	=	1.920
16a	1	X	2.400	X	0.800	=	1.920
17	1	X	2.400	X	0.800	=	1.920
17a	1	X	2.400	X	0.800	=	1.920
18	1	X	2.400	X	0.800	=	1.920
18a	1	X	2.400	X	0.800	=	1.920
19	1	X	2.400	X	0.800	=	1.920
19a	1	X	2.400	X	0.800	=	1.920
20	1	X	2.400	X	0.800	=	1.920
20a	1	X	2.400	X	0.800	=	1.920
21	1	X	2.400	X	0.800	=	1.920
21a	1	X	2.400	X	0.800	=	1.920
					TOTAL	=	166.000

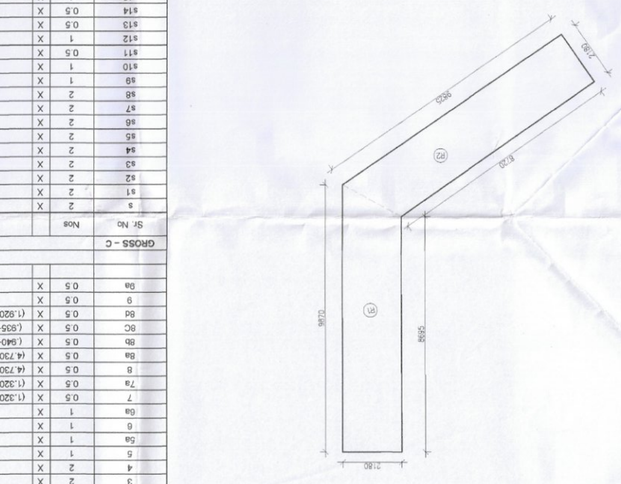
NET FAR - TOWER B 3RD TO 14TH & 16TH TO 22TH & 24TH FLOOR							
NET FAR (EACH FLOOR)	=		645.664	-	32.815	-	77.509
	=						
GROSS - 1			725.340				SQM

BULT FAR AREA - TOWER B TYPICAL 3RD TO 14TH & 16TH TO 22TH & 24TH FLOOR							
BULT AREA (EACH FLOOR)	=		GROSS - 1	+	GROSS - B	=	32.815
	=						
GROSS -2	=		766.155				SQM

NON FAR AREA - TOWER B 3RD TO 14TH & 16TH TO 22TH & 24TH FLOOR							
NON FAR AREA (EACH FLOOR)	=		GROSS - 2	-	GROSS - 1	=	736.340
	=						
GROSS -2	=		32.815				SQM

GROSS - B							
Sr. No		Nos	Length		Width		Area (SQM)
ST1	1	X	2.900	X	4.755	=	13.790
ST2	1	X	0.986	X	2.900	=	1.726
ST3	0.5	X	0.286	X	0.150	=	0.021
ST4	1	X	1.305	X	0.286	=	0.373
ST5	0.5	X	0.615	X	1.305	=	0.401
ST6	0.5	X	0.525	X	1.905	=	0.500
ST7	0.5	X	0.425	X	1.960	=	0.417
ST8	0.5	X	2.910	X	1.905	=	2.770
ST9	1	X	2.910	X	1.905	=	5.540
					TOTAL	=	22.816

STAIRCASE AREA CALCULATION 3RD TO 14TH & 16TH TO 22TH & 24TH FLOOR							
GROSS - B							
Sr. No		Nos	Length		Width		Area (SQM)
ST1	1	X	2.900	X	4.755	=	13.790
ST2	1	X	0.986	X	2.900	=	1.726
ST3	0.5	X	0.286	X	0.150	=	0.021
ST4	1	X	1.305	X	0.286	=	0.373
ST5	0.5	X	0.615	X	1.305	=	0.401
ST6	0.5	X	0.525	X	1.905	=	0.500
ST7	0.5	X	0.425	X	1.960	=	0.417
ST8	0.5	X	2.910	X	1.905	=	2.770
ST9	1	X	2.910	X	1.905	=	5.540
					TOTAL	=	22.816



15TH & 23RD FLOOR REFUGE AREA TOWER-B											
GROSS - A											
R1	=	0.5	X	8.685+8.670	X	2.180	=	20.209	SQM		
R2	=	0.5	X	8.720+8.625	X	2.180	=	20.222	SQM		
GROSS AREA OF 15TH						TOTAL	=	40.488	SQM		
GROSS AREA OF 23TH & 24TH					=	824.050					
						824.050	SQM				
					=	1648.100					
REFUGE AREA REQUIRED					=	(1650.90X0.3)*2.5	+	ADDITIONAL SPACE TO ACCOMMODATE WHEEL CHAIR SPACE @0.9 SQM PER 200 POPULATION			
					=	40.5					
REFUGE AREA					=	GROSS - A	+	0.9			
					=	40.5	SQM				

TOWER -B TYPICAL FLOOR	
TYPICAL FLOOR(FLOOR LEVEL	UNITS
3RD FLOOR (LVL.+12750)	2
4TH FLOOR (LVL.+16250)	2
5TH FLOOR (LVL.+20750)	2
6TH FLOOR (LVL.+24250)	2
7TH FLOOR (LVL.+28750)	2
8TH FLOOR (LVL.+32250)	2
9TH FLOOR (LVL.+36750)	2
10TH FLOOR (LVL.+40250)	2
11TH FLOOR (LVL.+44750)	2
12TH FLOOR (LVL.+48250)	2
13TH FLOOR (LVL.+52750)	2
14TH FLOOR (LVL.+56250)	2
15TH FLOOR (LVL.+60750)	2
16TH FLOOR (LVL.+64250)	2
17TH FLOOR (LVL.+68750)	2
18TH FLOOR (LVL.+72250)	2
19TH FLOOR (LVL.+76750)	2
20TH FLOOR (LVL.+80250)	2
21ST FLOOR (LVL.+84750)	2
22ND FLOOR (LVL.+88250)	2
23RD FLOOR (LVL.+92750)	2
24TH FLOOR (LVL.+96250)	2
TOTAL UNITS =	40

PLANNING LEGEND-		
S.NO	DESCRIPTION	SYMBOL
1	150 MM UPVC VERTICAL SOIL & VENT PIPE	①
2	100 MM UPVC VERTICAL SOIL & VENT PIPE	②
3	100 MM UPVC VERTICAL WASTE & VENT PIPE	③
4	50 MM UPVC VERTICAL WASTE & VENT PIPE	④
5	100 MM UPVC ANNUNSPHERE PIPE	⑤
6	20MM UPVC WATER SUPPLY PIPE (HYDRO)	⑥
7	110 MM UPVC WATER SUPPLY PIPE	⑦
8	20MM UPVC WATER SUPPLY (DOWN TAKE PIPE	⑧
9	90 MM UPVC RAIN WATER PIPE	⑨
10	100 MM UPVC RAIN WATER PIPE FOR TERRACE	⑩
11	20MM UPVC WATER SUPPLY BOXER PIPE	⑪
12	DRINKING WATER SUPPLY	
13	FLUSHING WATER SUPPLY	
14	DRINKING WATER SUPPLY	
15	GARDEN HYDRANT SUPPLY	
16	EXTERNAL FIRTER WATER LINE	
17	STORAGE WATER TANK	
18	STORAGE RAINWATER	
19	SUPPER WATER HYDRANT	
20	GARDEN HYDRANT	

ANNEXURE-1	
PROJECT	
ARCHITECTS	
ASSOCIATE ARCHITECTS-Submission Drawings	
OWNERS SEAL & SIGNATURE	
ARCHITECTS SEAL & SIGNATURE	
JULY-2020	
Drawing Title: TYPICAL FLOOR REFUGE FLOOR PLAN & AREA CALCULATION	Drawing No:- T-08

Approved as per the Building Plan Scrutiny Application vide Ref. No. BPA/HR/NH/MP/2020/2910 dated 30-07-2020

Approved subject to the following conditions:
1. Building plan approval is subject to compliance of the provisions of the Haryana Development and Regulation of Urban Areas Act, 1975 and Haryana Building Code, 2017 as amended from time to time.
2. Building plan approval does not imply ownership of land.
3. Building plan approval does not imply approval of water supply and sewerage connection.
4. Building plan approval does not imply approval of fire fighting arrangements.
5. Building plan approval does not imply approval of electrical installation.
6. Building plan approval does not imply approval of lift installation.
7. Building plan approval does not imply approval of boiler installation.
8. Building plan approval does not imply approval of LPG installation.
9. Building plan approval does not imply approval of DG set installation.
10. Building plan approval does not imply approval of solar photovoltaic installation.
11. Building plan approval does not imply approval of solar water heating installation.
12. Building plan approval does not imply approval of rainwater harvesting installation.
13. Building plan approval does not imply approval of swimming pool installation.
14. Building plan approval does not imply approval of STP installation.
15. Building plan approval does not imply approval of WTP installation.
16. Building plan approval does not imply approval of solid waste management.
17. Building plan approval does not imply approval of landscape.
18. Building plan approval does not imply approval of parking.
19. Building plan approval does not imply approval of boundary wall.
20. Building plan approval does not imply approval of any other statutory approval.

Approved by
Pulkit Sagar
CA No. 2000/2910

Approved by
DTP (HQ)
Member Secretary
BPAC

Approved by
STP (HQ)
Special Envoy
BPAC

Approved by
DTP (HQ)
Chairman
BPAC

SANCTIONED
VIDE MEMO No.3316/2
Dated 19.10.21

JD (H)
DTP (H)
STP (H)
MEMBER (BPAC)

JD (HQ)
Member
BPAC